

Notice of Allowability

Application No.

09/826,219

Examiner

Ting Zhou

Applicant(s)

KORENSHTEIN, RONI

Art Unit

2173

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 21 January 2005.
2. ☒ The allowed claim(s) is/are 1-26.
3. ☒ The drawings filed on 4 April 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

RAYMOND J. BAYERL
PRIMARY EXAMINER
ART UNIT 2173

DETAILED ACTION

1. The terminal disclaimer filed on 21 January 2005 have been received and entered.

Claims 1-26 are pending in the application.

Allowable Subject Matter

2. Claims 1-26 are allowed.

3. The following is an examiner's statement of reasons for allowance:

The present invention teaches a method of providing prerequisite information regarding pages of a graphical user interface that are prerequisites to other pages of the GUI using an object-oriented technique. Each independent claim identifies the distinct feature of in response to a request to a destination page, instantiating a container object and identifying the prerequisites of the sub-components of the page by invoking an execution of a method of the container object, the container object determines which sub-component of the sub-components of an identified prerequisite page is a decider sub-component that is capable of confirming whether or not requirements of the identified prerequisite page have been satisfied by invoking a method of the respective sub-component objects, which is a child object of the container object and causing the output of a prerequisite page of the one or more identified prerequisite pages having one or more requirements that have not been satisfied to be displayed by invoking an execution of a method of the corresponding component object to stream the content to the container object. The closest prior art, O'Connell U.S. Patent 5,991,882, teaches a method of displaying questions that are prerequisites to subsequent questions, prompting the user to input an answer before

subsequent questions are displayed. Specifically, O'Connell teaches the display of pages, or separate sequential screens of questions that must be answered correctly in order to display the next question. The prior art fails to teach the object-oriented technique of in response to a request to a destination page, instantiating a container object and identifying the prerequisites of the sub-components of the page by invoking an execution of a method of the container object, the container object determines which sub-component of the sub-components of an identified prerequisite page is a decider sub-component that is capable of confirming whether or not requirements of the identified prerequisite page have been satisfied by invoking a method of the respective sub-component objects, which is a child object of the container object and causing the output of a prerequisite page of the one or more identified prerequisite pages having one or more requirements that have not been satisfied to be displayed by invoking an execution of a method of the corresponding component object to stream the content to the container object.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

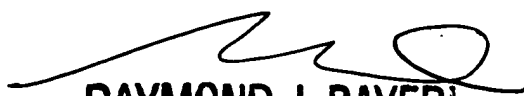
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ting Zhou whose telephone number is (571) 272-4058. The examiner can normally be reached on Monday - Friday 7:00 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached at (571) 272-4048. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-4058.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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RAYMOND J. BAYERL
PRIMARY EXAMINER
ART UNIT 2173